

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	multi\$1dimension\$3 near3 data\$1base\$1 near7 (object\$3 or image\$1) same interval\$1 same link\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:46
S2	1	multi\$1dimension\$3 near3 data\$1base\$1 near7 (object\$3 or image\$1) same interval\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:47
S3	120	multi\$1dimension\$3 near3 data\$1base\$1 near7 (object\$3 or image\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:47
S4	7	S3 and 707/103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:49
S5	16	S3 and 707/104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:59
S6	17	S3 and 707/101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 18:04
S7	2	(multi\$1dimensional or multidimensional) and spatial near (space\$1 or area) and (division\$1 or divide\$1) same interval\$1 same dimension\$1 and (extension or extend\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:03
S8	26	(multi\$1dimensional or multidimensional) and spatial and (division\$1 or divide\$1) same interval\$1 same dimension\$1 and (extension or extend\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:06
S9	11	(multi\$1dimensional or multidimensional) and spatial and (division\$1 or divide\$1) same interval\$1 same dimension\$1 and (extension or extend\$3) and coordinate\$1 near system\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:07
S10	24	(multi\$1dimensional or multidimensional) and (spatial near dimension\$1 or space\$1) and (division\$1 or divide\$1) same interval\$1 same (dimension\$1 or space\$1) and (extension or extend\$3) and coordinate\$1 near system\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:10

S11	235	coordinate\$1 near3 system and multi\$1dimension\$3 same database\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:12
S12	29	coordinate\$1 near3 system same multi\$1dimension\$3 same database\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:47
S13	2	(coordinate\$1 near3 system) same multi\$1dimension\$3 same interval\$1 same database\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:48
S14	120	multi\$1dimension\$3 near3 data\$1base\$1 near7 (object\$3 or image\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 18:04
S15	18	S14 and 707/6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 18:04



STIC Search Report

EIC 2100

STIC Database Tracking Number: 169504

TO: Thanh-ha Dang
Location: RND 3B15
Art Unit : 2163
Wednesday, October 26, 2005

Case Serial Number: 10/019891

From: Geoffrey St. Leger
Location: EIC 2100
Randolph-4B31
Phone: 23450

geoffrey.stleger@uspto.gov

Search Notes

Dear Examiner Dang,

Attached please find the results of your search request for application 10/019891. I searched Dialog's patent files, technical databases and general files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger
4B31/x23540

File 348:EUROPEAN PATENTS 1978-2005/Oct W03
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051020,UT=20051013
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	1387340	MULTIDIMENSION?? OR (MULTI OR N) () DIMENSION?? OR NDIMENSIONAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W) SPACE? ? OR DATASPACE? ? OR 3D OR 3 () D OR (THREE OR THIRD) () DIMENSION?? OR HYPERCUBE? ? OR HYPER () CUBE? ?
S2	135170	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR -HALFING) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S3	91127	(BREAK??? OR BROKEN OR SUBDIVI???? OR SPLIT???? OR PARTITION???) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S4	188488	(SEGMENT???? OR SEPARATED OR SEPARATING OR FRAGMENT?) (7N) - (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S5	1013469	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LIMIT? ? OR MAXIMUM
S6	212283	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -PREARRANGED OR PRESCRIBED) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S7	380813	((PREVIOUSLY OR PRE) () (DETERMIN? OR SET???? OR ESTABLISH? -OR DEFIN? OR ARRANGED) OR FIXED OR CERTAIN OR GIVEN OR SPECIFIED OR SPECIFIC OR PARTICULAR) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S8	93517	(EXCEED??? OR SURPASS?) (5N) S5:S7
S9	162396	(BEYOND OR ABOVE OR OVER OR MORE () (THEN OR THAN) OR HIGHER OR GREATER OR LARGER) (5W) S5:S7
S10	37101	(EQUAL? ? OR SAME) (3W) S5:S7
S11	168239	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (OBJECT? ? OR -ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATION OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODEL? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	79396	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (ELEMENTS OR COMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	3474	S11:S12(10W) S8:S10
S14	57	S2:S4(10N) S13
S15	41	S1(100N) S14
S16	13	S15 AND AC=US/PR AND AY=(1970:1999)/PR
S17	13	S15 AND AC=US AND AY=1970:1999
S18	13	S15 AND AC=US AND AY=(1970:1999)/PR
S19	26	S15 AND PY=1970:1999
S20	28	S16:S19
S21	28	IDPAT (sorted in duplicate/non-duplicate order)
S22	1	PN=EP 551192
S23	1	S1 AND S22

21/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00570267

Spatially organized computer display system.
Raumlich organisiertes Rechneranzeigersystem.
Systeme d'affichage d'ordinateur organise spatialement.

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Brewer, Eric Allen, 12143 Bambi Place, Granada Hills, California, (US)
Pinson, Mark Bradford, 16721 Rinaldi, Granada Hills, California, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 551192 A1 930714 (Basic)
APPLICATION (CC, No, Date): EP 93300079 930106;
PRIORITY (CC, No, Date): US 819250 920110
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-015/401; G06F-003/033;
ABSTRACT WORD COUNT: 138

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	589
SPEC A	(English)	EPABF1	3565
Total word count - document A			4154
Total word count - document B			0
Total word count - documents A + B			4154

...ABSTRACT on a computer display screen. Graphical objects are stored in the graphics database using a spatially organized **data** structure. The spatially organized **data** structure is formed by recursively **subdividing** the graphics **space** until each subspace contains no **more** than a predetermined **number** of graphical **objects**. The spatially organized database is ideally suited for spacial queries required to select, based on visual criteria...

21/3,K/13 (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00486824

System and method for processing data representing stored images
System und Verfahren zur Verarbeitung von gespeicherte Bilder darstellenden Daten
Systeme et procede de traitement de donnees representant des images archivees

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Garrett, Michael John, "Saxons" Poles Lane, Otterbourne, Nr. Winchester, Hampshire, (GB)
Key, Andrew, 18 Redward Road, Rownhams, Southampton SO1 8JE, (GB)
Morse, Kenneth, 53 Forest Hills Drive, Town Hill Park, Southampton SO2 2FZ, (GB)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
Intellectual Property Department Hursley Park, Winchester Hampshire
SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 528084 A1 930224 (Basic)
EP 528084 B1 990519
APPLICATION (CC, No, Date): EP 91307559 910815;
PRIORITY (CC, No, Date): EP 91307559 910815
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-017/30;
ABSTRACT WORD COUNT: 230

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9920	899
CLAIMS B	(German)	9920	843
CLAIMS B	(French)	9920	994
SPEC B	(English)	9920	5262
Total word count - document A			0
Total word count - document B			7998
Total word count - documents A + B			7998

...SPECIFICATION of regions able to be created by said divider. However in the preferred embodiment the number of **regions** created by said **divider** cannot **exceed** a predetermined number, and if the **number** of stored **images** in said set **exceeds** that **predetermined number**, then said assignment device is adapted to assign said stored images to successive sets of regions, each...

...output area one set at a time.

The system of the present invention can operate on image **data** obtained from a variety of sources. However in the preferred embodiment the **data** representing stored images is obtained as a result of an image database search.

The output medium employed...size less than 200x200 were difficult to observe clearly, then the user could enter via the keyboard 10 that the maximum number of images desired is 15 (ie. 5 x 3). Hereinafter the maximum number...

21/3,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00448823

PASSIVE NETWORK MONITOR AND CORRESPONDING METHOD OF MONITORING
PASSIVER NETZWERKMONITOR UND ENTSPRECHENDES UBERWACHUNGSVERFAHREN
MONITEUR PASSIV DE RESEAU ET PROCEDE DE MONITORAGE CORRESPONDANT
PATENT ASSIGNEE:

CONCORD COMMUNICATIONS, INC., (1227620), 753 Forest Street, Marlboro, MA
01752, (US), (Proprietor designated states: all)

INVENTOR:

DOUGLAS, Robert, H., 13850 North Coral Gables, Phoenix, AZ 85023, (US)

LEGAL REPRESENTATIVE:

Rupprecht, Kay, Dipl.-Ing. (74711), Meissner, Bolte & Partner Postfach 86
06 24, 81633 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 425655 A1 910508 (Basic)
EP 425655 B1 950111
EP 425655 B2 991215
WO 9014725 901129

APPLICATION (CC, No, Date): EP 90908834 900518; WO 90US2895 900518

PRIORITY (CC, No, Date): US 354343 890519

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: H04L-012/26

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9950	1528
CLAIMS B	(German)	9950	1584
CLAIMS B	(French)	9950	1880
SPEC B	(English)	9950	6529
Total word count - document A			0
Total word count - document B			11521
Total word count - documents A + B			11521

...SPECIFICATION the protocol analyzer 18, which includes an input memory 31, a computer 32, a program memory 33, and a data memory 34. The data memory 34 is further logically divided into separate blocks of data, grouped as a event memory 36, a statistics memory 37 and a network attributes memory 38.

The...

...frames, whether valid or invalid, from the frame processor 16. The input memory 31 is typically a first in first out (FIFO) memory, and is to normalize the frame input rate to computer 32.

The computer 32 operates as an inference-processor, to analyze the sequence of data, control, and invalid frames received from the input memory 31. As previously mentioned, the computer 32 analyzes...

21/3,K/15 (Item 15 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
 (c) 2005 European Patent Office. All rts. reserv.

00402026

Engine control system.

Steuerungsanlage eines Motors.

Systeme de commande d'un moteur.

PATENT ASSIGNEE:

HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 100, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Maeda, Yuji, Boda Apartment 534, 2592-1 Takaba, Katsuta-shi, (JP)

Nagano, Masami, 1308-3 Tabiko, Katsuta-shi, (JP)

Nakamura, Yozo, 3815-2 Shimoinayoshi, Chiyodamura, Niihari-gun, Ibaraki-ken, (JP)

Nakamura, Kenichi, Sawaryo, 467 Tabiko, Katsuta-shi, (JP)

LEGAL REPRESENTATIVE:

Molyneaux, Martyn William et al (34013), c/o Ladas & Parry, Altheimer Eck 2, D-80331 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 403212 A2 901219 (Basic)
 EP 403212 A3 910403
 EP 403212 B1 940330

APPLICATION (CC, No, Date): EP 90306359 900612;

PRIORITY (CC, No, Date): JP 89148411 890613

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: F02P-005/15; F02D-043/00; F02D-041/14;

ABSTRACT WORD COUNT: 73

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	370
CLAIMS B	(German)	EPBBF1	341
CLAIMS B	(French)	EPBBF1	487
SPEC B	(English)	EPBBF1	4974
Total word count - document A			0
Total word count - document B			6172
Total word count - documents A + B			6172

...SPECIFICATION fundamental value represented by data which is

predetermined for each vehicle and a correction value represented by data calculated in accordance with the invention and it is stored in separate maps for idle control and...of data pieces. Then, the difference between the maximum and minimum is divided by the data number confined within the interval to provide a division value. When the division value exceeds a prescribed value, the change in data N is determined to be of periodical variation so that ignition timing control may be...

...periodical variation is of the resonance frequency can deciding whether the division value obtained by dividing the difference between the maximum and minimum by the interval data number exceeds the prescribed value, whereby accuracy of decision can be promoted.

Incidentally, in order to extract the performance of the engine to an

...

21/3,K/16 (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00366956

Data communicating apparatus.

Datenubertragungsgerat.

Dispositif de transmission de donnees.

PATENT ASSIGNEE:

OMRON TATEISI ELECTRONICS CO., (284760), 10, Tsuchido-cho Hanazono
Ukyo-ku, Kyoto 616, (JP), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;NL;SE)

INVENTOR:

Azuma, Toshio c/o P.C.Omron Tateisi Electronics Co, 20 Igadera,
Shimokaiinji, Nagaokakyo-shi, Kyoto 617, (JP)

LEGAL REPRESENTATIVE:

Calderbank, Thomas Roger et al (50122), MEWBURN ELLIS 2 Cursitor Street,
London EC4A 1BQ, (GB)

PATENT (CC, No, Kind, Date): EP 350238 A2 900110 (Basic)
EP 350238 A3 900808

APPLICATION (CC, No, Date): EP 89306735 890703;

PRIORITY (CC, No, Date): JP 88166572 880704

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04L-001/16;

ABSTRACT WORD COUNT: 79

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	540
SPEC A	(English)	EPABF1	3278
Total word count - document A			3818
Total word count - document B			0
Total word count - documents A + B			3818

...ABSTRACT A2

The data communicating apparatus subdivides an information message into data blocks each having a predetermined length. When the number of data block transmission errors exceeds a fixed value, the data block to be subsequently transmitted (including a data block to be retransmitted) is further subdivided into small data blocks for the subsequent transmission. As a result, the error occurrence ratio is lowered and the data communication can be continued even under an unfavorable communicating condition. ...

21/3,K/17 (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00346874

A method of managing defective sectors in a disk-shaped information recording medium and an apparatus for performing the same.

Verfahren zur Handhabung defekter Sektoren auf einem plattenförmigen Informations-Aufzeichnungsträger und Gerät zur Durchführung des Verfahrens.

Methode pour gérer les secteurs defectueux sur un support d'enregistrement d'information sous forme de disque et appareil pour sa réalisation.

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 571, (JP), (applicant designated states: DE;FR;GB;NL)

INVENTOR:

Fukushima, Yoshihisa, C-508, 6-14, Sekime Joto-ku, Osaka-shi Osaka, (JP)
Sato, Isao, 36-12, Higashigaoka Narita, Neyagawa-shi Osaka, (JP)

LEGAL REPRESENTATIVE:

Schwabe - Sandmair - Marx (100951), Stuntzstrasse 16, D-81677 München, (DE)

PATENT (CC, No, Kind, Date): EP 350920 A2 900117 (Basic)
EP 350920 A3 910807
EP 350920 B1 940309

APPLICATION (CC, No, Date): EP 89112854 890713;

PRIORITY (CC, No, Date): JP 88174518 880713

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G11B-020/18; G11B-020/12; G06F-003/06

ABSTRACT WORD COUNT: 168

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1907
CLAIMS B	(German)	EPBBF1	1685
CLAIMS B	(French)	EPBBF1	2348
SPEC B	(English)	EPBBF1	9052
Total word count - document A			0
Total word count - document B			14992
Total word count - documents A + B			14992

...SPECIFICATION sectors from one end of the secondary spare area to such defective sector. The main control unit 2 then registers new defect entries in the secondary defect list stored in the control data buffer 6

...error detection and correction circuit 7 to add an error detection and correction code to the recorded data which have been stored in the transfer data buffer 5 in the procedure of (Q), and thereafter specifies an alternative sector address as a target sector address to the recording and reproducing control circuit 8, and executes the data recording operation. When the data recording operation is over, the main control unit 2 executes the verify operation against the alternative sector in the same way as the procedure of (R).

(U) When...

21/3,K/18 (Item 18 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00316106

Multiple port assay device

Testvorrichtung mit mehrfachen Öffnungen

Dispositif d'essai a multiples orifices

PATENT ASSIGNEE:

SYNTEX (U.S.A.) INC., (200862), 3401 Hillview Avenue P.O. Box 10850, Palo Alto California 94303, (US), (applicant designated states:

DE;ES;FR;GB;IT)
 INVENTOR:
 Dafforn, Geoffrey A., 1662 Park Hills Avenue, Los Altos California 94022, (US)
 Becker, Martin, 3481 Greer Road, Palo Alto California 94303, (US)
 Kurn, Nurith, 978 Blair Court, Palo Alto California 94303, (US)
 Ullman, Edwin F., 135 Selby Lane, Atherton California 94025, (US)
 LEGAL REPRESENTATIVE:
 Armitage, Ian Michael et al (27761), MEWBURN ELLIS York House 23 Kingsway, London WC2B 6HP, (GB)
 PATENT (CC, No, Kind, Date): EP 306336 A2 890308 (Basic)
 EP 306336 A3 901107
 EP 306336 B1 940223
 APPLICATION (CC, No, Date): EP 88308162 880902;
 PRIORITY (CC, No, Date): US 94176 870904
 DESIGNATED STATES: DE; ES; FR; GB; IT
 INTERNATIONAL PATENT CLASS: G01N-033/543
 ABSTRACT WORD COUNT: 119

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9712W1	492
CLAIMS B	(German)	9712W1	487
CLAIMS B	(French)	9712W1	550
SPEC B	(English)	9712W1	13286
Total word count - document A			0
Total word count - document B			14815
Total word count - documents A + B			14815

...SPECIFICATION bound to the bibulous material at least between the contact portion and a predetermined site or immunosorbing zone on the piece of bibulous material separated from the contact portion such that in the presence of more than a predetermined amount of an analyte the analogous first sbp member migrates at least to the predetermined site on the piece of bibulous material. Next, at least a

21/3,K/19 (Item 19 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2005 European Patent Office. All rts. reserv.

00311292

Sampled data memory system eg for a television picture magnification system.

Speichersystem fur bemusterte Daten, zum Beispiel fur ein Bildvergrosserungssystem in einem Fernsehempfanger.

Systeme a memoire de donnees echantillonnees, par exemple pour un systeme d'agrandissement d'une image de television.

PATENT ASSIGNEE:

RCA Thomson Licensing Corporation, (944402), 2 Independence Way, Princeton New Jersey 08540, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Shiratsuchi, Shinichi, Apartment 402 3-22-6 Kirigaoka Midori-ku, Yokohama Kanagawa Pref 227, (JP)

LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46454), London Patent Operation G.E. Technical Services Co. Inc. Essex House 12/13 Essex Street, London WC2R 3AA, (GB)

PATENT (CC, No, Kind, Date): EP 287331 A2 881019 (Basic)
 EP 287331 A3 910109
 EP 287331 B1 940309

APPLICATION (CC, No, Date): EP 88303278 880412;
 PRIORITY (CC, No, Date): US 38258 870414

DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04N-009/64; H04N-001/393; G06F-015/62;
ABSTRACT WORD COUNT: 124

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1095
CLAIMS B	(German)	EPBBF1	860
CLAIMS B	(French)	EPBBF1	1262
SPEC B	(English)	EPBBF1	8688
Total word count - document A			0
Total word count - document B			11905
Total word count - documents A + B			11905

...CLAIMS K are positive integers, L being greater than K; and
the beginning of said second predetermined time interval is
delayed by an amount of time corresponding to not more than L-K
horizontal line intervals...

...beginning of said predetermined time interval.

3. The circuitry set forth in Claim 1 wherein said sampled data video signal from said source represents an unmagnified image and includes a vertical field synchronizing signal component...

...field intervals including a plurality of horizontal line intervals of samples, and wherein said time-expanded video signal represents a magnified image, said circuitry further characterized by:
signal separating means, coupled to said source for separating the vertical field synchronizing signal from said video signal and

21/3,K/20 (Item 20 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00285298

Image display apparatus.

Bildanzeigegerat.

Appareil d'affichage d'images.

PATENT ASSIGNEE:

NAMCO, LTD., (307000), 8-5, Tamagawa 2-chome, Ohta-Ku Tokyo 146, (JP),
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INVENTOR:

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PATENT (CC, No, Kind, Date): EP 277657 A2 880810 (Basic)

EP 277657 A3 900516

EP 277657 B1 930721

APPLICATION (CC, No, Date): EP 88101621 880204;

PRIORITY (CC, No, Date): JP 8725672 870205

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: G09G-001/28; G09G-001/16;

ABSTRACT WORD COUNT: 74

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1565
CLAIMS B	(German)	EPBBF1	1405
CLAIMS B	(French)	EPBBF1	1936
SPEC B	(English)	EPBBF1	7155
Total word count - document A			0
Total word count - document B			12061
Total word count - documents A + B			12061

...SPECIFICATION 500-5 and the video RAM 12.

The video RAMs 12-0, 12-1, ... 12-5 provided in the picture formation circuits 500-0, 500-1, ... 500-5, respectively, are composed of six divisions of...500 by using the technique of time sharing.

For example, in order to synthesize one color picture by placing six pictures with one on top of another, as shown in Fig. 2, the picture formation circuit 500 is so composed as to output the character read address signals 210 and the vertical scanning position address signals 220 of the respective pictures 600-0, 600-1, ... 600-5 in that order in **synchronization** with the horizontal and vertical scans of the CRT.

For this purpose, the picture formation circuit 500...
...the one CRT controller 14 and the video RAM 12 serving as the picture display memory.

a- 1) Video RAM

The memory **region** of the video RAM 12 is divided into **six regions** by **predetermined** addresses, as shown in Fig. 2. In each of the **divided regions**, as shown in Fig. 2, the character read address of the corresponding scroll reference picture 600-0...

...12-5 shown in Fig. 1.

In this embodiment, the character read address 210 is composed of **data** of 2 bytes, and each byte of **data** is registered in the two consecutive character block addresses in the video RAM 12.

a-2) CRT...

21/3,K/21 (Item 21 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00260912

Vector data processing system comprising an I/O control for each vector data processor and another I/O control for at least one other vector data processor.

Vektordatenverarbeitungssystem mit einer E/A-Steuerung für jeden Vektordatenprozessor und einer anderen E/A-Steuerung für mindestens einen anderen Vektordatenpr

Système de traitement de données vectorielles comprenant une commande d'entrees/sorties pour chaque processeur de données vectorielles et une autre commande d'e

PATENT ASSIGNEE:

NEC CORPORATION, (236690), 7-1, Shiba 5-chome Minato-ku, Tokyo 108-01,
(JP), (applicant designated states: BE;DE;FR;GB;IT;NL;SE)

INVENTOR:

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Tokyo, (JP)

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VOSSIUS & PARTNER (100311), Postfach 86 07 67, D-81634 München, (DE)

PATENT (CC, No, Kind, Date): EP 263500 A2 880413 (Basic)

EP 263500 A3 891129

EP 263500 B1 931229

APPLICATION (CC, No, Date): EP 87114613 871007;

PRIORITY (CC, No, Date): JP 86237851 861008

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: G06F-015/347;

ABSTRACT WORD COUNT: 150

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	595
CLAIMS B	(German)	EPBBF1	496
CLAIMS B	(French)	EPBBF1	645
SPEC B	(English)	EPBBF1	5243

Total word count - document A	0
Total word count - document B	6979
Total word count - documents A + B	6979

...SPECIFICATION zeroth, the second, the fourth, ..., and the $(2n-2)$ -nd vector elements 0, 2, 4, ..., and $(2n - 2)$ of a vector datum are memorized in the zeroth through the $(n-1)$ -st memory cells of...

...far described, the vector registers, such as 21 through 28, of a vector data processing system are divided into a predetermined number m of groups as circuit components of m vector data processors. In other words, the vector registers of the vector23 and 27, or 24 and 28, of each set included in the respective vector data processors as, for example, 16 and 17. The vector registers of each set, namely, of a common register number, are for memorizing a vector datum in cooperation with one another.

The fact will now be readily appreciated by one skilled in the art once division of the vector registers into such groups is taught that the vector...for use in moving the vector elements within each vector data processor in response to a vector move instruction indicative of a start element number which is congruent with zero modulo the predetermined number m ...

File 348:EUROPEAN PATENTS 1978-2005/Oct W03

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051020,UT=20051013

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	1387340	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIONAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR - DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	135170	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR - HALFING)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S3	91127	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT????? OR PARTITION???) (7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S4	188488	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?) (7N) - (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S5	1013469	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LIMIT? ? OR MAXIMUM
S6	212283	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR - PREARRANGED OR PRESCRIBED) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S7	380813	((PREVIOUSLY OR PRE)() (DETERMIN? OR SET????? OR ESTABLISH? - OR DEFIN? OR ARRANGED) OR FIXED OR CERTAIN OR GIVEN OR SPECIFIED OR SPECIFIC OR PARTICULAR) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S8	93517	(EXCEED??? OR SURPASS?) (5N) S5:S7
S9	162396	(BEYOND OR ABOVE OR OVER OR MORE() (THEN OR THAN) OR HIGHER OR GREATER OR LARGER) (5W) S5:S7
S10	37101	(EQUAL? ? OR SAME) (3W) S5:S7
S11	168239	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (OBJECT? ? OR - ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATION OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODEL? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	79396	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (ELEMENTS OR COMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	3474	S11:S12(10W) S8:S10
S14	57	S2:S4(10N) S13
S15	41	S1(100N) S14
S16	13	S15 AND AC=US/PR AND AY=(1970:1999)/PR
S17	13	S15 AND AC=US AND AY=1970:1999
S18	13	S15 AND AC=US AND AY=(1970:1999)/PR
S19	26	S15 AND PY=1970:1999
S20	28	S16:S19
S21	28	IDPAT (sorted in duplicate/non-duplicate order)

File 8: Ei Compendex(R) 1970-2005/Oct W3
(c) 2005 Elsevier Eng. Info. Inc.
File 35: Dissertation Abs Online 1861-2005/Oct
(c) 2005 ProQuest Info&Learning
File 65: Inside Conferences 1993-2005/Oct W4
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File 2: INSPEC 1898-2005/Oct W3
(c) 2005 Institution of Electrical Engineers
File 94: JICST-EPlus 1985-2005/Aug W4
(c) 2005 Japan Science and Tech Corp(JST)
File 6: NTIS 1964-2005/Oct W3
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File 144: Pascal 1973-2005/Oct W3
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File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34: SciSearch(R) Cited Ref Sci 1990-2005/Oct W3
(c) 2005 Inst for Sci Info
File 99: Wilson Appl. Sci & Tech Abs 1983-2005/Sep
(c) 2005 The HW Wilson Co.
File 266: FEDRIP 2005/Oct
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File 95: TEME-Technology & Management 1989-2005/Sep W3
(c) 2005 FIZ TECHNIK
File 62: SPIN(R) 1975-2005/Aug W3
(c) 2005 American Institute of Physics
File 239: Mathsci 1940-2005/Nov
(c) 2005 American Mathematical Society
File 248: PIRA 1975-2005/Oct W2
(c) 2005 Pira International

Set	Items	Description
S1	12992108	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIONAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR - DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	203199	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR - HALFING) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S3	126214	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT????? OR PARTITION???) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S4	175420	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?) (7N) - (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S5	5072109	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LIMIT? ? OR MAXIMUM
S6	20730	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR - PREARRANGED OR PRESCRIBED OR PRESELECTED) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S7	462024	((PREVIOUSLY OR PRE) () (DETERMIN? OR SET????? OR ESTABLISH? - OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIVEN OR SPECIFIED OR SPECIFIC OR PARTICULAR) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S8	52053	(EXCEED??? OR SURPASS?) (5N) S5:S7
S9	177681	(BEYOND OR ABOVE OR OVER OR MORE() (THEN OR THAN) OR HIGHER OR GREATER OR LARGER) (5W) S5:S7
S10	21720	(EQUAL? ? OR SAME) (3W) S5:S7
S11	167996	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (OBJECT? ? OR - ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATION OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODEL? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)

S12	54073	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (ELEMENTS OR C- OMONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	385	S11:S12 (10W) S8:S10
S14	0	S2:S4 (10N) S13
S15	203	S1 AND S13
S16	1047	AU= (OLSSON, B? OR OLSSON B?)
S17	0	S13 AND S16
S18	4	S1 AND S2:S4 AND S16
S19	2	RD (unique items)

19/TI/1 (Item 1 from file: 2)
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

Title: Positron-impact ionization of atomic hydrogen

19/TI/2 (Item 1 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

Transoesophageal echocardiography-guided cardioversion of atrial
fibrillation or flutter : Selection of a low-risk group for immediate
cardioversion

File 275:Gale Group Computer DB(TM) 1983-2005/Oct 25
(c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Oct 26
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File 636:Gale Group Newsletter DB(TM) 1987-2005/Oct 25
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File 16:Gale Group PROMT(R) 1990-2005/Oct 25
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File 160:Gale Group PROMT(R) 1972-1989
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File 148:Gale Group Trade & Industry DB 1976-2005/Oct 26
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File 15:ABI/Inform(R) 1971-2005/Oct 26
(c) 2005 ProQuest Info&Learning
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File 674:Computer News Fulltext 1989-2005/Oct W2
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File 696:DIALOG Telecom. Newsletters 1995-2005/Oct 25
(c) 2005 Dialog
File 369:New Scientist 1994-2005/Jul W2
(c) 2005 Reed Business Information Ltd.

Set	Items	Description
S1	10196028	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIONAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR - DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	393012	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR - HALFING) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S3	135556	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT????? OR PARTITION???) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S4	140669	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?) (7N) - (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S5	2222779	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LIMIT? ? OR MAXIMUM
S6	17964	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR - PREARRANGED OR PRESCRIBED OR PRESELECTED) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S7	446057	((PREVIOUSLY OR PRE)() (DETERMIN? OR SET????? OR ESTABLISH? - OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIVEN OR SPECIFIED OR SPECIFIC OR PARTICULAR) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S8	56150	(EXCEED??? OR SURPASS?) (5N) S5:S7
S9	124915	(BEYOND OR ABOVE OR OVER OR MORE() (THEN OR THAN) OR HIGHER OR GREATER OR LARGER) (5W) S5:S7
S10	11762	(EQUAL? ? OR SAME) (3W) S5:S7
S11	272357	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (OBJECT? ? OR - ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATION OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODEL? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	34880	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (ELEMENTS OR COMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	427	S11:S12 (10W) S8:S10
S14	2	S2:S4 (10N) S13

14/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01620675 SUPPLIER NUMBER: 14425888 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The SPLASH class library. (includes a related article providing a SPLASH
function reference) (Tutorial)**
Morris, Jim
C Users Journal, v11, n10, p49(16)
Oct, 1993
DOCUMENT TYPE: Tutorial ISSN: 0898-9788 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6736 LINE COUNT: 00601

... don't write to any variables in the class) coast functions. This
makes the intent of the **functions** clear to people reading the code. It
also means that these functions can be called from within...is specified
then any string that matches the RE (Regular Expression) pat is considered
a separator to **split** on; the

default is white-- **space** . If limit is **specified** then no more than
that **number** of **elements** is generated. If limit is not specified, then
empty entries are stripped from the end of the...SPStringList\$ 1)- Same as
above but takes a precompiled regular expression.

int tr(search, repl [,opts]) -- replaces **all** occurrences of
characters in search with the equivalent character in repl. If repl is
empty then just...

14/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01522400 01-73388
Activity-based costing in commercial lending: The case of Signet Bank
Cross, Rob; Majikes, Matthew; Kelleher, John
Commercial Lending Review v12n4 PP: 24-30 Fall 1997
ISSN: 0886-8204 JRNL CODE: CLV
WORD COUNT: 3506

...TEXT: can easily assign the full cost of support activities to revenue
centers and then determine profitability by **division** , customer **segment** ,
or loan program. With **volume** **information** about renewal rates, loans
above and below significant dollar **thresholds** , percentage of loan type
in portfolio, and approval rates for credits, you can develop a sound ABC
...

File 347:JAPIO Nov 1976-2005/Jun(Updated 051004)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200568

(c) 2005 Thomson Derwent

Set	Items	Description
S1	2937912	MULTIDIMENSION?? OR (MULTI OR N) () DIMENSION?? OR NDIMENSIONAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W) SPACE? ? OR DATASPACE? ? OR 3D OR 3 () D OR (THREE OR THIRD) () DIMENSION?? OR HYPERCUBE? ? OR HYPER () CUBE? ?
S2	154289	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR - HALFING) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S3	84097	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT????? OR PARTITION???) (7N) (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S4	109550	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?) (7N) - (INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S5	917491	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LIMIT? ? OR MAXIMUM
S6	345070	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR - PREARRANGED OR PRESCRIBED) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S7	320998	((PREVIOUSLY OR PRE) () (DETERMIN? OR SET????? OR ESTABLISH? - OR DEFIN? OR ARRANGED) OR FIXED OR CERTAIN OR GIVEN OR SPECIFIED OR SPECIFIC OR PARTICULAR) (5N) (VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S8	93624	(EXCEED??? OR SURPASS?) (5N) S5:S7
S9	100348	(BEYOND OR ABOVE OR OVER OR MORE () (THEN OR THAN) OR HIGHER OR GREATER OR LARGER) (5W) S5:S7
S10	12847	(EQUAL? ? OR SAME) (3W) S5:S7
S11	182525	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (OBJECT? ? OR - ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATION OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODEL? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	85054	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY) (2W) (ELEMENTS OR COMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	1769	S11:S12(10W) S8:S10
S14	57	S1 AND S13 AND S2:S4
S15	24	S2:S4(10N) S13
S16	20	S1 AND S15
S17	20	IDPAT (sorted in duplicate/non-duplicate order)

17/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011935629 **Image available**
WPI Acc No: 1998-352539/199831
XRPX Acc No: N98-275665

Data processor with group divided data searching function - in which
particular group is divided if number of components in that group
exceeds first threshold value
Patent Assignee: FUJITSU LTD (FUIT); PFU KK (USAE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 10134084 A 19980522 JP 97229762 A 19970826 199831 B

Priority Applications (No Type Date): JP 96232116 A 19960902
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 10134084 A 14 G06F-017/30

Abstract (Basic): JP 10134084 A

The data processor sets up maximum number of components managed
in one group as a first threshold-value. If the number of components
in each group exceeds the first threshold value, that
particular group is divided. A processing unit makes number of
groups increase automatically.

ADVANTAGE - Increases number of groups, automatically. Eliminates
necessity of estimating and deciding range of groups. Prevents
reduction of search efficiency. Searches data quickly. Applies to
various application software with search function. Reduces required
memory capacity for storing data.

Dwg.4/11
Title Terms: DATA ; PROCESSOR; GROUP; DIVIDE; DATA ; SEARCH; FUNCTION;
GROUP; DIVIDE; NUMBER; COMPONENT; GROUP; FIRST; THRESHOLD; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-007/36
File Segment: EPI

17/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05850984 **Image available**
DATA PROCESSOR

PUB. NO.: 10-134084 [JP 10134084 A]
PUBLISHED: May 22, 1998 (19980522)
INVENTOR(s): SUMIYA MASATAKE
KOIDE KAZUHIRO
ATSUMI NOBORU
HIRANO KAZUYOSHI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
PFU LTD [366680] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 09-229762 [JP 97229762]
FILED: August 26, 1997 (19970826)
INTL CLASS: [6] G06F-017/30; G06F-007/36
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1
(INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.2
(INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers &

Microprocessors)

ABSTRACT

PROBLEM TO BE SOLVED: To speed up the retrieval of **data** and reduce a storage area for **data** by setting the maximum **number of elements** (threshold value) managed in one **group** , **dividing a group** which **exceeds** the **threshold** value, and automatically increasing the number of groups.

SOLUTION: Each time an element is put in a proper group (step 100), a comparison with the maximum number of elements (threshold value) which are grouped is made, and when the maximum **number of elements** (**threshold** value) is **exceeded** (step 101), the **group** is **divided** into two (step 102). Therefore, the number of elements in one group does not become impartial as the number of groups increase automatically and when the number of elements reaches a certain value, groups automatically increase in number, so that **data** are managed with a proper number of elements. Namely, groups managing a specific range are increased or decreased at any time and the range is made variable to perform dynamic control, thereby controlling the range from the small group to large group.

17/5/3 (Item 3 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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017192952 **Image available**
WPI Acc No: 2005-516579/200553
XRPX Acc No: N05-421572

Document image processor for full-color composite machine, performs fragmentation elimination process based on determination of whether number of fragmented image data storage area is more than preset value , and memory is rewritable memory

Patent Assignee: RICOH KK (RICO)

Inventor: KURANAGA T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2005189972	A	20050714	JP 2003427670	A	20031224	200553 B

Priority Applications (No Type Date): JP 2003427670 A 20031224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2005189972	A	10	G06F-012/00	

Abstract (Basic): JP 2005189972 A

NOVELTY - A determination unit determines whether number of storage area in a memory required for storing fragmented document image **data** , is greater than preset value. Another determination unit determines whether the memory is a rewritable memory. A processor performs fragmentation elimination process, by transmitting/receiving image **data** between host computer and the composite machine, according to the determination results.

USE - For full-color composite machine with copier, printer and facsimile functions.

ADVANTAGE - Enables to perform fragmentation elimination process with high efficiency and reduced power consumption, irrespective of the reduction of image **data** delivery speed with respect to the host computer.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the document image processing system.

composite machines (10)

host computer (20)

network (30)

connecting cable (40)

pp; 10 DwgNo 1/7

Title Terms: DOCUMENT; IMAGE; PROCESSOR; FULL; COLOUR; COMPOSITE; MACHINE;
PERFORMANCE; FRAGMENT; ELIMINATE; PROCESS; BASED; DETERMINE; NUMBER;
FRAGMENT; IMAGE; **DATA** ; STORAGE; AREA; MORE; PRESET; VALUE; MEMORY;
REWRITING; MEMORY
Derwent Class: S06; T01; T04; W02
International Patent Class (Main): G06F-012/00
File Segment: EPI

17/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016506927 **Image available**
WPI Acc No: 2004-665207/200465
XRPX Acc No: N04-526824

Networked based schedule management system in office, categorizes and summarizes every day plan of users for one month, and stores it in one document

Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2004259019 A 20040916 JP 200349487 A 20030226 200465 B

Priority Applications (No Type Date): JP 200349487 A 20030226
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2004259019 A 17 G06F-017/60

Abstract (Basic): JP 2004259019 A

NOVELTY - The system categorizes and summarizes the every day plan of users for one month, and stores it in one document (400), and divides the document, if the volume of the document exceeds predetermined volume .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) schedule management program; and
- (2) computer readable recording medium storing schedule management program.

USE - For distributing and managing schedules for individual and group in office, using network.

ADVANTAGE - Since the whole month schedule is stored in one document, the amount of document is reduced and a rapid search is possible. The document is divided the schedule of a person having lot of plans is also easily managed.

DESCRIPTION OF DRAWING(S) - The figure shows a demonstration of data transfer when a schedule document is divided. (Drawing includes non-English language text).

schedule document (400)
new document (401)
pp; 17 DwgNo 8/12

Title Terms: BASED; SCHEDULE; MANAGEMENT; SYSTEM; OFFICE; CATEGORY; DAY;
PLAN; USER; ONE; MONTH; STORAGE; ONE; DOCUMENT
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

17/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013997841
WPI Acc No: 2001-482056/200152

XRPX Acc No: N01-356764

View space representation data producing method involves force splitting element until number of elements in queue equals preset level

Patent Assignee: UNIV CALIFORNIA (REGC)

Inventor: ALDRICH C; DUCHAINEAU M; MILLER M C; MINEEV-WEINSTEIN M B; SIGETI D E; WOLINSKY M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6208997	B1	20010327	US 9763744	A	19971017	200152 B
			US 98173213	A	19981015	

Priority Applications (No Type Date): US 9763744 P 19971017; US 98173213 A 19981015

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6208997	B1	35	G06F-017/30	Provisional application	US 9763744

Abstract (Basic): US 6208997 B1

NOVELTY - The splitted groups of specified element are tested corresponding to view volume and added with element to obtain new element. The tested groups which are within view volume are inserted into split queue. The new elements are again splitted until number of elements in queue equals preset level, and output as reduced resolution view space data representing terrain features.

DETAILED DESCRIPTION - A world space database is preprocessed by forming a database having a element for each spatial region corresponding to a first selected level of detail. A multi resolution database is formed by merging the elements at the finest and subsequent intermediate levels of detail, to specify a element resolution hierarchy, until a coarsest selected resolution is obtained. A view independent error metric which is approximately monotonic with the elements of the multi resolution database is computed for each element at each level of detail. The multi resolution database and the associated error metrics are stored, and processed in real time. A view parameter for a view volume including a view location and field of view is selected. Elements with the coarsest resolution are selected for an initial representation data set. A view volume test is performed to select specified element from initial representation data set within the view volume. The view independent error metric is converted into view dependent error metric using the view parameters. The selected specified element is placed in a split queue depending on the value of view dependent error metric. The specified element having the largest error metric is placed at head of the queue. The number of specified elements in a queue is determined whether it equals or exceeds a preset number of elements in a queue or the largest error matrix is determined whether it is less than or equal to a selected upper error metric bound. When the number of specified element in the queue exceeds a preset level, the specified element at the head of the queue is force splitted. The specified element is removed from an initial representation data set and splitted into several groups.

USE - In visual artifacts for producing reduced resolution terrain representation.

ADVANTAGE - The specified elements are force splitted when the number of elements in the queue exceeds a preset level, and the continuity in function representation of spatial database is achieved.

pp; 35 DwgNo 0/23

Title Terms: VIEW; SPACE; REPRESENT; DATA ; PRODUCE; METHOD; FORCE; SPLIT; ELEMENT; NUMBER; ELEMENT; QUEUE; EQUAL; PRESET; LEVEL

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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013802720 **Image available**
WPI Acc No: 2001-286932/200130
XRPX Acc No: N01-204927

Thermal line printer driving method involves performing time division drive of heat resistor groups in blocks and controlling stepper motor to feed paper

Patent Assignee: SEIKO INSTR INC (DASE)
Inventor: JIMBO S
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001063124	A	20010313	JP 99239284	A	19990826	200130 B
US 6518992	B1	20030211	US 2000638260	A	20000811	200314

Priority Applications (No Type Date): JP 99239284 A 19990826

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001063124	A	10	B41J-002/355	
US 6518992	B1		B41J-002/355	

Abstract (Basic): JP 2001063124 A

NOVELTY - Heat resistors (R) of the thermal line head (3) are divided into *n* blocks each having *m* groups, where (*m*, *n*) are integers. Time division drive of each group is performed. After each drive, a stepper motor is controlled to feed paper.

DETAILED DESCRIPTION - Time division drive of each heat resistor group is performed, when amount of print data is more than predetermined value. The temperature of the thermal line head is determined based on time division drive of the heat resistor group. An INDEPENDENT CLAIM is also included for thermal line printer.

USE - For driving thermal line printer.

ADVANTAGE - Minimizes non-uniformity in printing density at low power consumption, thereby prevents time dependent degradation of paper, and hence facilitates to use variety of printing papers.

DESCRIPTION OF DRAWING(S) - The figure shows the thermal line head of thermal line printer. (Drawing includes non-English language text).

Thermal line head (3)

Heat resistor (R)

pp; 10 DwgNo 2/11

Title Terms: THERMAL; LINE; PRINT; DRIVE; METHOD; PERFORMANCE; TIME; DIVIDE
; DRIVE; HEAT; RESISTOR; GROUP; BLOCK; CONTROL; STEP; MOTOR; FEED; PAPER

Derwent Class: P75; T04

International Patent Class (Main): B41J-002/355

File Segment: EPI; EngPI

17/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013451998 **Image available**
WPI Acc No: 2000-623941/200060
XRPX Acc No: N00-462747

Data transmitter for paging communication system sets temporary and normal addresses relevant to primary and secondary data groups, based on which data is forwarded to relevant destination

Patent Assignee: CASIO COMPUTER CO LTD (CASK)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000253045	A	20000914	JP 9953759	A	19990302	200060 B

Priority Applications (No Type Date): JP 9953759 A 19990302

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2000253045 A 12 H04L-012/54

Abstract (Basic): JP 2000253045 A

NOVELTY - The receiving amount of data is compared with threshold limits. When the receiving amount is above limit, the received data is divided into several groups. Temporary address is set for each group and accordingly the data is forwarded. The normal and temporary addresses are added to primary and secondary groups. Based on the addresses the data is forwarded relevant to assigned frames.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) data receiver;
- (b) data transmission system

USE - For paging communication system.

ADVANTAGE - Facilitates transmission of data to desired destination, irrespective of type receivers.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the data transmitter.

pp; 12 DwgNo 2/9

Title Terms: DATA ; TRANSMIT; PAGE; COMMUNICATE; SYSTEM; SET; TEMPORARY; NORMAL; ADDRESS; RELEVANT; PRIMARY; SECONDARY; DATA ; GROUP; BASED; DATA ; FORWARDING; RELEVANT; DESTINATION

Derwent Class: W01

International Patent Class (Main): H04L-012/54

International Patent Class (Additional): H04L-012/58; H04Q-007/06;

H04Q-007/08; H04Q-007/12

File Segment: EPI

17/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012605270 **Image available**

WPI Acc No: 1999-411374/199935

XRPX Acc No: N99-307735

Image data compressor for digital copier - divides image data into block of pixels, and separates image area based on gradation difference that are compressed by fixed length to some number of bits

Patent Assignee: RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11164150	A	19990618	JP 97326216	A	19971127	199935 B

Priority Applications (No Type Date): JP 97326216 A 19971127

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11164150 A 8 H04N-001/41

Abstract (Basic): JP 11164150 A

NOVELTY - Image data are divided into blocks and then each block is separated into 2*2 pixel area. Depending upon the gradation difference, the block is divided into several areas. Each divided area is compressed by fixed length of same number of bits. Image area is separated using high frequency coefficient after sub-band conversion.

USE - For digital copier.

ADVANTAGE - Efficient quantization can be performed, by comparing each area of input data and separated image area. DESCRIPTION OF

DRAWING(S) - The figure shows block diagram of digital image forming apparatus.

Dwg.1/13

Title Terms: IMAGE; DATA ; COMPRESSOR; DIGITAL; COPY; DIVIDE; IMAGE; DATA ; BLOCK; PIXEL; SEPARATE; IMAGE; AREA; BASED; GRADATION; DIFFER; COMPRESS ; FIX; LENGTH; NUMBER; BIT

Derwent Class: S06; T01; W02

International Patent Class (Main): H04N-001/41

International Patent Class (Additional): H04N-007/30

File Segment: EPI

17/5/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011675144 **Image available**

WPI Acc No: 1998-092053/199809

XPX Acc No: N98-073286

Handwritten character recognition apparatus - has gesture recognition unit which outputs gesture or special symbol based on stroke data corresponding to second stroke code

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9319826	A	19971212	JP 96133401	A	19960528	199809 B

Priority Applications (No Type Date): JP 96133401 A 19960528

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9319826	A	38	G06K-009/62	

Abstract (Basic): JP 9319826 A

The apparatus extracts from an input written information a row coordinate data from which a characteristic point data showing the characteristic of each stroke comprising the written information is extracted. The characteristic data is classified into a first or a second stroke code. An initial candidate character is selected based on the number of strokes of the written information when the stroke data corresponding to the first stroke code is input.

An on-line recognition process which selects and outputs a second candidate character is done when the number of drawings of the initial candidate character is greater than a predetermined number of drawings. Otherwise, the area containing the written information is partitioned and digitised data is produced. An off-line recognition process which selects and outputs a third candidate character based on digitised data is done. When stroke data corresponding to the second stroke code is input, a gesture recognition unit (17) outputs a gesture or a special symbol based on the stroke data.

ADVANTAGE - Improves recognition rate since incorrect recognition of gesture and symbol is minimised.

Dwg.1/30

Title Terms: HANDWRITING; CHARACTER; RECOGNISE; APPARATUS; RECOGNISE; UNIT; OUTPUT; SPECIAL; SYMBOL; BASED; STROKE; DATA ; CORRESPOND; SECOND; STROKE; CODE

Derwent Class: T01; T04

International Patent Class (Main): G06K-009/62

File Segment: EPI

17/5/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011382890 **Image available**
WPI Acc No: 1997-360797/199733
XRPX Acc No: N97-299854

Document breakdown appts - carries out re- split of group when number
of document data belonging to one group exceeds fixed value

Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9153057	A	19970610	JP 95311056	A	19951129	199733 B

Priority Applications (No Type Date): JP 95311056 A 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9153057	A		12		

Abstract (Basic): JP 9153057 A

The breakdown appts includes an input unit (1) through which the document data is input. The document data is passed to a controller (4). A document breakdown judging unit of the controller categorises the input data automatically into groups. An external storage device (3) stores the categorised data groups. Each group of document data is provided with a unique identifier by a document amendment unit of the controller.

Each identifier is displayed by a display device (2). A group choice unit and a document choice unit ease selection of the identifier. The group and document lists are displayed on the display device. When the document data in a group exceeds a fixed value, the controller splits the group again.

ADVANTAGE - Classifies efficiently. Handles large volume of data .
Dwg.1/12

Title Terms: DOCUMENT; BREAKDOWN; APPARATUS; CARRY; SPLIT; GROUP; NUMBER;
DOCUMENT; DATA ; BELONG; ONE; GROUP; FIX; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-017/21
File Segment: EPI

17/5/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010665616 **Image available**
WPI Acc No: 1996-162570/199617
XRPX Acc No: N99-182070

Data forwarding method for facsimile communication system

Patent Assignee: FUJITSU LTD (FUIT)
Inventor: HASEGAWA M; OKADA A
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8018708	A	19960119	JP 94153382	A	19940705	199617 B
US 5892587	A	19990406	US 95407205	A	19950320	199921
			US 97856043	A	19970514	

Priority Applications (No Type Date): JP 94153382 A 19940705

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8018708	A		15	H04N-001/00	
US 5892587	A		30	H04N-001/00	Cont of application US 95407205

Abstract (Basic): US 5892587 A

NOVELTY - The entire received mail data is divided into
several blocks according to page or specific size, when the amount

of data in page exceeds set size. Then, the divided data blocks are transmitted to specific destination facsimile, sequentially. The transmission is carried out according to stored pointer data.

DETAILED DESCRIPTION - During data transmission, the transmitting side facsimile is connected to receiving side facsimile through communication circuit. A header file for each mail data is created and data file containing header and mail data is also generated. The storage location of next file in the header file is designated. The transmission and receiving speeds of facsimiles are stored. Next block is transmitted only after transmission completion of previous block. An INDEPENDENT CLAIM is included for data forwarding controller.

USE - For facsimile communication system.

ADVANTAGE - The destination facsimile outputs the document quickly irrespective on number of pages as division of data is carried out during reception. Ensures continuous data forwarding as next data block is received before completion of current data block due to data division process. As receiving and transmitting speeds of facsimile are monitored periodically, exact transmission is assured.

DESCRIPTION OF DRAWING(S) - The figure shows the principle block diagram of the data forwarding process.

1A, 1B/20

Title Terms: DATA ; FORWARDING; METHOD; FACSIMILE; COMMUNICATE; SYSTEM

Derwent Class: W02

International Patent Class (Main): H04N-001/00

File Segment: EPI

17/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004823365

WPI Acc No: 1986-326706/198650

XRPX Acc No: N86-243767

Serial data processor from one-dimensional image transducer - uses sequential data division according to divided fields of view

Patent Assignee: FUJI ELECTRIC MFG CO LTD (FJIE); FUJI ELECTRIC CO LTD (FJIE)

Inventor: IZUMI A

Number of Countries: 003 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3617774	A	19861204	DE 3617774	A	19860527	198650 B
JP 61270984	A	19861201	JP 85112236	A	19850525	198702
JP 62100093	A	19870509	JP 85238596	A	19851026	198724
US 4783827	A	19881108	US 86867471	A	19860527	198847
DE 3617774	C2	19940421	DE 3617774	A	19860527	199414

Priority Applications (No Type Date): JP 85238596 A 19851026; JP 85112236 A 19850525

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3617774	A		54		
DE 3617774	C2		29	G06F-015/70	

Abstract (Basic): DE 3617774 A

The processing appts. writes data concerning the number of image elements in each sequentially divided image field of a one-dimensional image transducer into a memory. The data are read from the memory in response to the entry of serial video signal data to be processed.

The entered serial video signal data are sequentially divided up according to the individually divided fields of view. The number of significant image elements corresp. to an image in each field of view is counted. The result is transferred to another memory as a record.

USE/ADVANTAGE - For production control automation. Simple
real-time processing of serial **data** is performed from one-dimensional
image transducer monitoring products moving on conveyor.
Title Terms: SERIAL; **DATA** ; PROCESSOR; ONE; DIMENSION; IMAGE; TRANSDUCER;
SEQUENCE; **DATA** ; DIVIDE; ACCORD; DIVIDE; FIELD; VIEW
Derwent Class: P62; Q35; T01; T04
International Patent Class (Main): G06F-015/70
International Patent Class (Additional): B25J-019/04; B65G-043/00;
G01N-021/84; G06K-009/03; H04N-007/18
File Segment: EPI; EngPI

17/5/13 (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
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06387222 **Image available**
FILE RECORDING METHOD AND **DATA** RECORDER

PUB. NO.: 11-328869 [JP 11328869 A]
PUBLISHED: November 30, 1999 (19991130)
INVENTOR(s): MATSUMI CHIYOKO
SHIGESATO TATSURO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 10-134861 [JP 98134861]
FILED: May 18, 1998 (19980518)
INTL CLASS: G11B-020/12

ABSTRACT

PROBLEM TO BE SOLVED: To improve the efficiency in **data** checking and rerecording by dividedly recording a large volume of s file, forming and recording the file and the information relating to the divided files and making it to possible to handle the large-volume **file** as an adequate volume.

SOLUTION: A file **data** processor 24 of a **data** controller 21 forms file information by every filter and rearranges the information together with the **data** to a prescribed format. In the case of the file **exceeding** the prescribed volume , the **file** is **divided** to a plurality to form the information to the original large- volume file and the file information respectively corresponding to the divided files. The information is outputted to a **data** recording and reproducing device 26 which records the **data** on a recording medium 30. A file management section 22 instructs the reproduction in order to check the recording and checks the signals transmitted from the **data** recording and reproducing section 26 with the file **data** processor 24 for each of the divided files. If there is the divided file not subjected to correct recording, the rerecording of only this divided file is executed.

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17/5/14 (Item 14 from file: 347)
DIALOG(R)File 347:JAPIO
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03481965
METHOD AND DEVICE FOR APPROXIMATING LINE PICTURE

PUB. NO.: 03-144865 [JP 3144865 A]
PUBLISHED: June 20, 1991 (19910620)
INVENTOR(s): OKAZAKI SHINICHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 01-283973 [JP 89283973]
FILED: October 31, 1989 (19891031)
INTL CLASS: [5] G06F-015/66
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)
JOURNAL: Section: P, Section No. 1254, Vol. 15, No. 372, Pg. 15,
September 19, 1991 (19910919)

ABSTRACT

PURPOSE: To approximate inputted sequence-of-points to N -pieces of definite approximate shapes by over-dividing the inputted sequence-of-points into sections more than the number of pieces N of the predetermined approximate shapes and approximating the inputted sequence-of-points by combining over-divided sections so that an approximation error becomes minimum.

CONSTITUTION: When N -pieces of the approximate shapes are given, the approximated sequence-of-points is divided into plural linear direction sections which have linear average direction change and in addition, whose average error from linearity is below a threshold T by using the value of the direction of a direction picture in the approximated sequence-of-points. This linear direction section dividing processing is repeated as changing the threshold T until the number of the linear direction sections obtained by this becomes more than N . Then, the neighboring plural linear direction sections are collected together, and the combination of the linear direction sections to make N -pieces of integrated approximate section is generated, and the integrated approximate sequence-of-points of the minimum approximation error E is obtained from among the obtained integrated approximate sequence-of-points of $M(\text{sub} -1)\text{CN}(\text{sub} -1)$ -kinds, and the approximation error E and the shape parameter are outputted. Thus, an inputted line picture can be segment-circular arc approximated to N -pieces of the approximate shapes.

17/5/15 (Item 15 from file: 347)
DIALOG(R) File 347:JAPIO
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03366148 **Image available**
DATA TRANSFER SYSTEM

PUB. NO.: 03-029048 [JP 3029048 A]
PUBLISHED: February 07, 1991 (19910207)
INVENTOR(s): KISHIMOTO YOSHINORI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 01-164635 [JP 89164635]
FILED: June 27, 1989 (19890627)
INTL CLASS: [5] G06F-015/16; G06F-013/38
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2
(INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1194, Vol. 15, No. 162, Pg. 3, April
23, 1991 (19910423)

ABSTRACT

PURPOSE: To transfer data at a high speed by turning the data into a block to transfer it via a block transfer part if the quantity of data to be transferred is larger than the quantity of boundary data and then transferring the due data and the remaining data via a non-block transfer part if the quantity of data to be transferred is smaller than that of boundary data.

CONSTITUTION: A transfer data quantity deciding part 11 decides whether the quantity of data to be transferred is larger than a prescribed

quantity of boundary data or not. A block forming part 12 divides the transfer data larger than the boundary data into a block of a prescribed quantity of data and the remaining data. A block transfer part 13 transfers the block data while deciding whether the number of blocks to be transferred one by one are through or not. Then a non-block transfer part 14 transfers the data less than a block while deciding whether the quantity of data to be transferred for each piece is through or not. As a result, the deciding frequency is reduced and the data transfer time is shortened.

17/5/16 (Item 16 from file: 347)
DIALOG(R) File 347:JAPIO
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03165088 **Image available**
DRYING CONTROL DEVICE FOR CEREAL DRIER

PUB. NO.: 02-140588 [JP 2140588 A]
PUBLISHED: May 30, 1990 (19900530)
INVENTOR(s): SUZUKI MASANORI
HIDENAGA SHINSAKU
APPLICANT(s): SHIZUOKA SEIKI CO LTD [351148] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-293339 [JP 88293339]
FILED: November 18, 1988 (19881118)
INTL CLASS: [5] F26B-017/14; F26B-025/22
JAPIO CLASS: 24.2 (CHEMICAL ENGINEERING -- Heating & Cooling); 11.1 (AGRICULTURE -- Agriculture & Forestry)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
JOURNAL: Section: M, Section No. 1012, Vol. 14, No. 379, Pg. 57, August 16, 1990 (19900816)

ABSTRACT

PURPOSE: To enable the execution of drying without lowering a sprouting rate even when unevenness in a moisture content of cereals, e.g. seed unhulled rice, by a method wherein moisture content data obtained by measuring the moisture content of each grain of a plurality of cereals is divided into a plurality of sections to calculate the number of data at each section, and when the number of data exceeds a given value, based on the moisture content of the section on the largest value side, the temperature of hot blast is set.

CONSTITUTION: With a moisture content gauge 15 actuated, cereals in a drier 1 are sampled one by one, for example, 200 grains are sampled to measure a moisture content value thereof. Based on moisture content value data of measured 200 grains, processing of data is effected as follows. Namely, from data on 200 grains, an average moisture content value M.mu. and a maximum value and a minimum value are determined. The sections of the maximum value and the minimum value are divided with, for example, every 0.5% to set a plurality of sections, and the number of data of each section is determined. The number of data at each section is checked from the highmost value side, and a moisture content value M1 of a first section where the number of data exceeds a given value, for example, 5 pieces, is determined. It is judged whether the average moisture content value M.mu. is below a stop moisture content value Mt, and when it is not therebelow, a hot blast temperature Ts is calculated according to a given computing formula to set a calculating result.

17/5/17 (Item 17 from file: 347)
DIALOG(R) File 347:JAPIO
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03085284 **Image available**
PRINTER STATE DISPLAY DEVICE

PUB. NO.: 02-060784 [JP 2060784 A]
PUBLISHED: March 01, 1990 (19900301)
INVENTOR(s): SAITO SUSUMU
 NISHINO YASUHIKO
 SANO YOSHIHIKO
 NISHINO SHINICHI
APPLICANT(s): HITACHI KOKI CO LTD [000509] (A Japanese Company or
 Corporation), JP (Japan)
APPL. NO.: 63-212701 [JP 88212701]
FILED: August 26, 1988 (19880826)
INTL CLASS: [5] B41J-029/42; G03G-015/00
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines)
JOURNAL: Section: M, Section No. 974, Vol. 14, No. 231, Pg. 138, May
 16, 1990 (19900516)

ABSTRACT

PURPOSE: To obtain a small-size display device by a method wherein a memory area of a memory device is divided into more than a predetermined number of parts according to the content of data, and the data stored in the two or more memory areas are successively displayed on the display device at fixed periods.

CONSTITUTION: Data is stored in a data memory device 2 dividedly into an abnormal name display data memory area 5 and an action method display data memory area 6. If the abnormality of the device is detected, the data stored in the abnormal name display data memory area 5 and the action method display data memory area 6 in the data memory device 2 is displayed on a display device 3 by a controller 1 according to the content of the abnormality. Data for displaying the name of the abnormality is read from the abnormal name display data memory area 5, and data for displaying an action method for the abnormality is read from the action method display data memory area 6. On the display device 3, the name of the abnormality is displayed and, after a fixed time, the action method to be taken for the abnormality is displayed and, further after a fixed time, the name of the abnormality, which has been firstly displayed, is displayed; thus, these are repeatedly displayed at fixed periods.

17/5/18 (Item 18 from file: 347)
DIALOG(R) File 347:JAPIO
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02776279 **Image available**
IMAGE TRANSMISSION SYSTEM

PUB. NO.: 01-073879 [JP 1073879 A]
PUBLISHED: March 20, 1989 (19890320)
INVENTOR(s): ONO MASAMI
 TOMITA MASAMI
 MISE TOSHIRO
APPLICANT(s): MATSUSHITA ELECTRIC WORKS LTD [000583] (A Japanese Company or
 Corporation), JP (Japan)
APPL. NO.: 62-230511 [JP 87230511]
FILED: September 14, 1987 (19870914)
INTL CLASS: [4] H04N-007/18; H04N-007/08
JAPIO CLASS: 44.6 (COMMUNICATION -- Television)
JOURNAL: Section: E, Section No. 782, Vol. 13, No. 292, Pg. 148, July
 06, 1989 (19890706)

ABSTRACT

PURPOSE: To improve picture quality and transmission efficiency, by adding and transmitting the dense image data of a reference image in which the

compressibility of the **data** volume of the reference image except for a changed image is lowered on the coarse image **data** of the changed image when the **data** volume of the coarse image **data** of the changed image is few and less than a prescribed **data** volume.

CONSTITUTION: When the **data** volume of the changed image **exceeds** a prescribed transmission **data** volume, the coarse image **data** of the changed image is **divided** into several **blocks**, then, transmitted. Also, when the **data** volume of the changed image is less than the prescribed transmission **data** volume, dense image **data** (c(sub 1)-c(sub n)) of the reference image in which the unchanged part of the reference image is compressed by a compression method with low compressibility and with a large volume of **data** are added on the coarse image **data** (b(sub 1)-b(sub 5)) of the changed image, and transmission is performed after one block is filled by a prescribed transmission volume. By using such image transmission system, no null period is generated, and a clear reference image in an unchanged part is transmitted sequentially, and the changed image can be displayed at a reception side at a constant time interval to, and also, the clear image in the unchanged part can be displayed on a display part 7.

17/5/19 (Item 19 from file: 347)
DIALOG(R)File 347:JAPIO
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02524866 **Image available**
PRINTING SYSTEM

PUB. NO.: 63-141766 [JP 63141766 A]
PUBLISHED: June 14, 1988 (19880614)
INVENTOR(s): SHICHIMURA MASANORI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-288867 [JP 86288867]
FILED: December 05, 1986 (19861205)
INTL CLASS: [4] B41J-003/20; G06K-015/10
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.3
(INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD)
JOURNAL: Section: M, Section No. 755, Vol. 12, No. 392, Pg. 98,
October 19, 1988 (19881019)

ABSTRACT

PURPOSE: To drive a printing head even when a power source low in current capacity is used, by a method wherein a binary image **data** group is inputted and, when the **number** of image **data** having a characteristic logical value exceeds a predetermined set number, said binary image **data** **group** is **divided** into a plurality of **groups** to regenerate an image.

CONSTITUTION: The image **data** sent out from an image sensor 10 in synchronous relation to an input shift clock is introduced into a converter circuit 11 and the image **data** corresponding to one word (8 bits) is taken in a control part 12. At this time, unless a half black flag is not already set to 1, the number of the black dots contained in the image **data** concerned are counted and a full-while flag is reset. This counting is performed by introducing the image **data** corresponding to one block into a heat generator 18 and, when count value reaches $N/28$ or more (that is, $1/2$ or more the number of the heat generators contained in each block), a half-black flag is set.

17/5/20 (Item 20 from file: 347)
DIALOG(R)File 347:JAPIO

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01193678 **Image available**
THERMAL PRINTER

PUB. NO.: 58-131078 [JP 58131078 A]
PUBLISHED: August 04, 1983 (19830804)
INVENTOR(s): ASAKURA OSAMU
 NOZAKI MINEO
 NAGASHIMA MASAZUMI
 UCHIKATA YOSHIRO
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 57-012531 [JP 8212531]
FILED: January 30, 1982 (19820130)
INTL CLASS: [3] B41J-003/20; G06K-015/10
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.3
 (INFORMATION PROCESSING -- Input Output Units)
JOURNAL: Section: M, Section No. 252, Vol. 07, No. 244, Pg. 107,
 October 28, 1983 (19831028)

ABSTRACT

PURPOSE: To prevent a thermal head from overheating, by a method wherein when the number of picture elements printed in any one of divided sections is larger than a predetermined value, printing in the subsequent sections in the same scanning for printing is conducted in a divided manner.

CONSTITUTION: When printing with a relatively high printing density as shown in Figure 1, a printing-restricting signal is supplied into a printing-controlling part when the printing proceeds to the second section N2. Accordingly, starting from the third section N3 subsequent to the second section N2, driving signals for printing are extracted from printing data for every other dot row, and are supplied from the printing-controlling part to the thermal head to scan the head one time, whereby printing of a bar graph part starting from the third section N3 is conducted for every other dot row, as shown in Figure 2. Then, synchronously with the completion of the first-time scanning, the thermal head is returned without feeding the paper, then printing signals related to the dot rows which have been skipped in the preceding printing are supplied, and the second-time scanning is conducted to print an image shown in Figure 3, thereby completing the printing of the image shown in Figure 1.